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## (54) PERCUTANEOUS ABSORPTION PROMOTER AND SKIN EXTERNAL PREPARATION **CONTAINING SAID PROMOTER**

(57)Abstract:

PURPOSE: To obtain the titled promoter comprising polyethylenimine and/or a derivative thereof as an active ingredient.

CONSTITUTION: A percutaneous absorption agent containing a polyethylenimine derivative [e.g. having one or more of units shown by formula I (R is H, straightchain, branched-chain or cyclic aliphatic hydrocarbon or aromatic hydro carbon group which may contain 1W30 unsaturated group), formula II and formula III] as an active ingredient. A skin external preparation containing the percutaneous absorption agent and a medical component (e.g. steroid anti- inflammatory drug such as predonisolone or dexamethasone or nonsteroid antiinflammatory drug such as indomethacin). Since PEI and/or a derivative thereof can be freely adjusted corresponding to the demand of hydrophilic-lipophilic balance, materials are extremely readily selected. The external preparation has a good feeling in use and excellent medicinal effects.

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